



# COMPLIANCE COMPONENT

Last Updated: 07/22/05

DEFINITION	
<i>Name</i>	HTML/XHTML
<i>Description</i>	<p>HTML (HyperText Markup Language) is the common language for publishing hypertext on the WWW. It is a non-proprietary format and can be created and processed by a wide range of tools.</p> <p>XHTML (Extensible HyperText Markup Language) is a family of current and future document types and modules that reproduce, subset, and extend HTML reformulated in XML (Extensible Markup Language).</p>
<i>Rationale</i>	XHTML is the W3C standard for developing cross-browser compatible Web sites. This standard forces Web designers to program more carefully and adhere to strict code standards and successfully allows a large percentage of browser or code parsers to properly parse documents.
<i>Benefits</i>	<p>Use of valid XHTML helps to guarantee that any page you build now will work well into the future in all current and future browsers by enabling:</p> <ul style="list-style-type: none"> <li>• painless transition to more advanced technology (XML)</li> <li>• cleaner, more logical markup</li> <li>• increased interoperability (wireless devices, Braille readers and other specialized Web tools)</li> <li>• greater accessibility</li> <li>• backwards compatible</li> </ul>
ASSOCIATED ARCHITECTURE LEVELS	
<i>Specify the Domain Name</i>	Interface
<i>Specify the Discipline Name</i>	Branding
<i>Specify the Technology Area Name</i>	Standards
<i>Specify the Product Component Name</i>	
COMPLIANCE COMPONENT TYPE	
<i>Document the Compliance Component Type</i>	Standard
<i>Component Sub-type</i>	
COMPLIANCE DETAIL	
<i>State the Guideline, Standard or Legislation</i>	<p>For HTML/XHTML standards see: <a href="http://www.w3c.org/MarkUp/">http://www.w3c.org/MarkUp/</a></p> <p><b>XHTML Rules</b></p> <p>Below are the major requirements for XHTML that are not in HTML.</p> <ol style="list-style-type: none"> <li>1. Use a proper document type definition (DTD).</li> <li>2. Use a proper namespace.</li> <li>3. Declare content type.</li> <li>4. Make all tags lowercase.</li> <li>5. Quote all attribute values.</li> <li>6. All attributes require values.</li> </ol>

	7. Close all tags, even empty tags, like  . 8. Do not use double dashes in comments, and 9. Encode all special characters such as less than sign "<" and ampersand "&".		
<i>Document Source Reference #</i>			
<b>Compliance Sources</b>			
<i>Name</i>	World Wide Web Consortium	<i>Website</i>	http://www.w3c.org/
<i>Contact Information</i>	See Web site.		
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<b>KEYWORDS</b>			
<i>List Keywords</i>	XHTML, HTML, DTD, CSS		
<b>COMPONENT CLASSIFICATION</b>			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>		
<i>Sunset Date</i>			
<b>COMPONENT SUB-CLASSIFICATION</b>			
<b>Sub-Classification</b>	<b>Date</b>	<b>Additional Sub-Classification Information</b>	
<input type="checkbox"/> <i>Technology Watch</i>			
<input type="checkbox"/> <i>Variance</i>			
<input type="checkbox"/> <i>Conditional Use</i>			
<b>Rationale for Component Classification</b>			
<i>Document the Rationale for Component Classification</i>			
<b>Migration Strategy</b>			
<i>Document the Migration Strategy</i>			
<b>Impact Position Statement</b>			
<i>Document the Position Statement on Impact</i>			
<b>CURRENT STATUS</b>			
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>		
<b>AUDIT TRAIL</b>			
<i>Creation Date</i>	2-7-05	<i>Date Approved / Rejected</i>	9/27/05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			